

POROUS FILM AND PRODUCTION THEREOF

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Abstract

PURPOSE: To obtain the title film having soft and flexible feeling and excellent strength and useful as moisture permeable and leakproof films of diapers, by melt molding a composition containing a specific polyester, filler and polyolefin resin.

CONSTITUTION: The aimed film obtained by melt molding a composition containing (A) a polyester obtained from (i) a polybasic acid, (ii) a polyhydric alcohol and (iii) a 14-22C monobasic acid and/or a polyester prepared from the components (i) and (ii) and (iv) a 12-22C monohydric alcohol used as a polyester and/or monoester, (B) a polyolefin resin and (C) a filler into a film and biaxially orienting the resultant film. Furthermore, the blending ratio is preferably 50-250 pts.wt. component (C) and 2-50 pts.wt. component (A) based on 100 pts.wt. component (B). The biaxial orienting treatment is preferably carried out at ≥ 1.5 times area stretch ratio.

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